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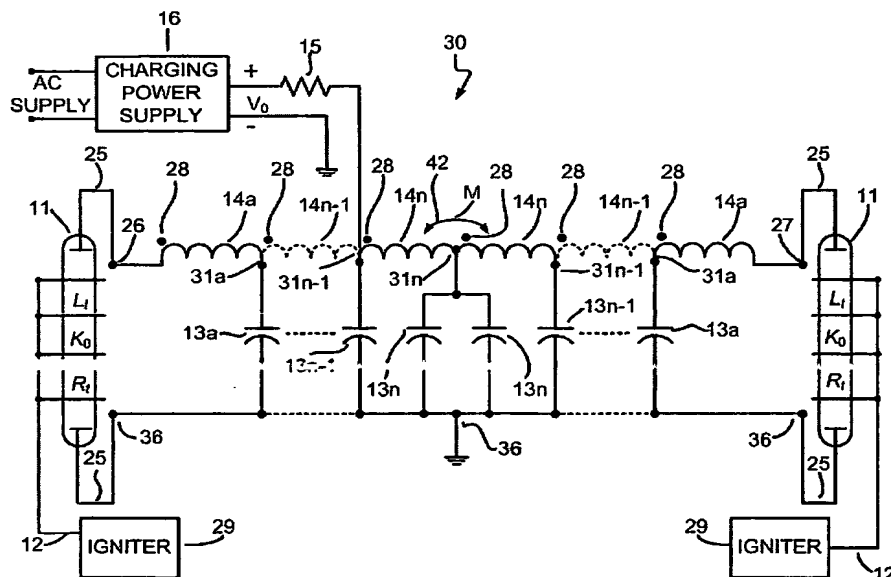
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(54) Title: PULSE FORMING NETWORK AND PULSE GENERATOR



(57) Abstract: A pulse forming network device and method is disclosed. The device comprising two pulse forming networks, a first pulse forming network comprising  $n$  sections,  $n$  being an integer, and a second pulse forming network comprising  $m$  sections,  $m$  being an integer, each of the sections of the first and the second pulse forming networks comprising at least one capacitor and at least one inductor, and each pulse forming network having one output port for connecting a load, the two pulse forming networks electrically connected and magnetically coupled back to back. A method and device for extinguishing an electrical pulse generated by a pulse generator is also disclosed.



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